

ABSTRACT OF THE DISCLOSURE

5 A C3 plant has a gene for an enzyme involved in
a C4 pathway of photosynthesis and expresses the C4
photosynthesis gene at a high level. More specifically,
the C3 plant includes DNA which contains (a) an
expression control region of a gene for an enzyme in-
volved in a photosynthetic pathway of a phylogenetically
related C4 plant and (b) a structural gene for an enzyme
10 involved in a photosynthetic pathway of the C4 plant. The
C3 plant expresses the enzyme encoded by the structural
gene at a high level.